

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Work Order ID 161292

Wednesday, May 10, 2017 1:00:57 PM

161292

Page 2

Item ID: D412-702-345 **Accept** ***N900040100*** **Setup Start *NS1***
Revision ID: **Stop *NS2***
Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft
Start Date: 5/15/2017 **Start Qty:** 1.00 ***1*** **Cust Item ID:**
Required Date: 5/17/2017 **Req'd Qty:** 1.00 ***1*** **Customer:**
Reference: SCHEDULED/C

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____ **Run Start *NR1***
QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____ **Stop *NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00					DAS 28 9-89		
130	Memo	0.00							MAY 23 2017
Packaging	Identify and pack for shipping as per PPP D412-702-345								
Packaging	Location: _____								
	PPP Rev: <u>FG029</u>								
140	QC21- Final Inspection - Work Order Release	0.00					DAS 21 9-89		
140	Memo	0.10							MAY 24 2017
QC									
Quality Control									

DAS
21
9-89

MAY 24 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
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Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
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Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								
		OTHER : _____							

Picklist Print

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Page 1

Work Order ID: 161292

161292

Parent Item: D412-702-345

D412-702-345

Parent Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft

Start Date: 5/15/2017

Required Date: 5/17/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.04.30 verified:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D412-702-311 *D412-702-311* Harness Assembly		Manufactured	No			110	Each	2.0000	1 **	1		MAY 23 2017	DAS 6 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST468				2					
				147661				2					
D412-702-313 *D412-702-313* Harness Assembly		Manufactured	No			110	Each	2.0000	1 **	1		MAY 23 2017	DAS 6 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST468				2					
				155323				2					
D412-702-321 *D412-702-321* Harness Assembly		Manufactured	No			110	Each	2.0000	1 **	1		MAY 23 2017	DAS 6 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST468				2					
				159047				2					
D412-702-323 *D412-702-323* Harness Assembly		Manufactured	No			110	Each	2.0000	1 **	1		MAY 23 2017	DAS 6 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST468				2					
				159033				2					

DQA: _____ Date: _____



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Misidentified ☐	Past Due ☐																																																														

Picklist Print

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Work Order ID: 161292

161292

Parent Item: D412-702-345

D412-702-345

Parent Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft

Start Date: 5/15/2017

Required Date: 5/17/2017

Start Qty: 1.00

Required Qty: 1.00

D3572-041

Manufactured No

110

Each

1.0000

2 2

D3572-041

Guide

DAS
28
9-89

Location

Loc Qty

Loc Code

ST256

1

147493

1

**

KB160492

MAY 11 2017

DAS
27
9-89

AN4-16A

Purchased No

110

Each

348.0000

2 2

AN4-16A

Bolt

DAS
28
9-89

Location

Loc Qty

Loc Code

FG

5

121541

5

over003

300

M136986

100

M137412

200

ST343

43

M136740

43

**

MAY 11 2017

DAS
27
9-89

AN4-25A

Purchased No

110

Each

22.0000

4 4

AN4-25A

Bolt

DAS
28
9-89

Location

Loc Qty

Loc Code

ST342

22

m135056

22

**

MAY 11 2017

DAS
27
9-89

AN4-27A

Purchased No

110

Each

32.0000

4 4

AN4-27A

Bolt

DAS
28
9-89

Location

Loc Qty

Loc Code

ST342

32

m135133

12

m137320

20

**

MAY 11 2017

DAS
27
9-89

DQA: _____ Date: _____



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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

Picklist Print

Wednesday, May 10, 2017 1:01:00 PM

Work Order ID: 161292

161292

Parent Item: D412-702-345

D412-702-345

Parent Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft

Start Date: 5/15/2017

Required Date: 5/17/2017

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0463J

Purchased

No

110

Each

4,062.000

20

20

NAS1149D0463.J

Washer

DAS
6
9-89

MAY 11 2017

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

GA	48	
M135056	48	
ST260a	2000	
M137371	2000	
ST263	2014	
M137166	14	
M137381	2000	

20

MS21042L4

Purchased

No

110

Each

2,896.000

6

6

MS21042L 4

Nut

DAS
6
9-89

MAY 11 2017

DAS
27
9-89

DA
28
9-89

Location

Loc Qty

Loc Code

FP001	10	
m133363	10	
GA	148	
m135058	148	
OVER007	1400	
m137371	1000	
m137402	400	
ST303	1338	
m136986	3	
m137166	12	
m137321	1323	

6

DQA: _____ Date: _____



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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		
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Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
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Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

QTY -337	QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
X							D214-702-337	Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft
	X						D412-702-341	Dart 13-Man 3-Point Shoulder Harness Kit
		X					D412-702-343	Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit
			X				D412-702-345	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit
				X			D412-702-347	Dart 4-Man 3-Point Side Facing Shoulder Harness Kit
					X		D412-702-349	Dart 1-Man 3-Point Forward Facing Shoulder Harness Kit
						X	D412-702-351	Dart 1-Man 3-Point Shoulder Harness Kit
	1	1		1	1		D412-702-059	GROMMET KIT
	2	1		1			D412-702-301	HARNESS ASSEMBLY
	2	1		1			D412-702-303	HARNESS ASSEMBLY
	1	1			1		D412-702-305	HARNESS ASSEMBLY
	1	1				1	D412-702-307	HARNESS ASSEMBLY
	1	1					D412-702-309	HARNESS ASSEMBLY
1	1		1				D412-702-311	HARNESS ASSEMBLY
1	1		1				D412-702-313	HARNESS ASSEMBLY
	1			1			D412-702-315	HARNESS ASSEMBLY
	1			1			D412-702-317	HARNESS ASSEMBLY
1							D412-702-319	HARNESS ASSEMBLY
1	1		1				D412-702-321	HARNESS ASSEMBLY
1	1		1				D412-702-323	HARNESS ASSEMBLY
	2	2				1	D3542-1	BRACKET
	7	3		4	1		D3571-1	GUIDE
	2	2				1	D3571-3	GUIDE
	2		2				D3572-041	GUIDE ASSEMBLY
	12	6		6	2		D3578-041	DOUBLER
	2	2				1	D3610-041	BRACKET
	2	2				1	D3618-1	CAP
				2			D3677-1	SPACER
	9	5		4	1	1	D3761-1-041	HOOK AND LOOP STRIP
1							D3920-041	SEATBELT GUIDE ASSEMBLY
2							D3920-5	SEATBELT GUIDE
	4	4				2	AN4-10A	BOLT
1	2		2				AN4-16A	BOLT
1							AN4-21A	BOLT
7	4		4				AN4-25A	BOLT
	4		4				AN4-27A	BOLT
	2	2				1	AN4-44A	BOLT
18	26	6	20			3	AN960JD416	WASHER (OR NAS1149D0463J)
	4	4				2	AN960JD416L	WASHER (OR NAS1149D0416J)
	24	12		12	4		CR3212-4-4	RIVET
9	12	6	6			3	MS21042L4	NUT (OR MS21042-4)
				6			MS21069L3	ANCHOR NUT
	2	2				1	MS24693S274	SCREW
				2			MS24694S282	SCREW
	3	3			1		MS24694S56	SCREW
	10	2		8			MS24694S58	SCREW
	1	1			1		MS24694S60	SCREW

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Revision: A
 Date: 10.12.01

Work Order ID 161292

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Page 1

Wednesday, May 10, 2017 1:00:57 PM

Item ID: D412-702-345 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft
 Start Date: 5/15/2017 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 5/17/2017 Req'd Qty: 1.00 ***1*** Customer:
 Reference: SCHEDULED/C

Approvals: Process Plan: DATE **MAY 10 2017** Tooling: DATE Run Start ***NR1***
 QC: DATE Date: DATE SPC (Y/N): DATE Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr	MAY 10 2017							
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D412-702-345 CHG001								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.03							
Quality Control									

CB

MAY 11 2017